

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104599.D
 Acq On : 18 Apr 2018 14:11
 Operator : JU/SJ
 Sample : J2413-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 14:57:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

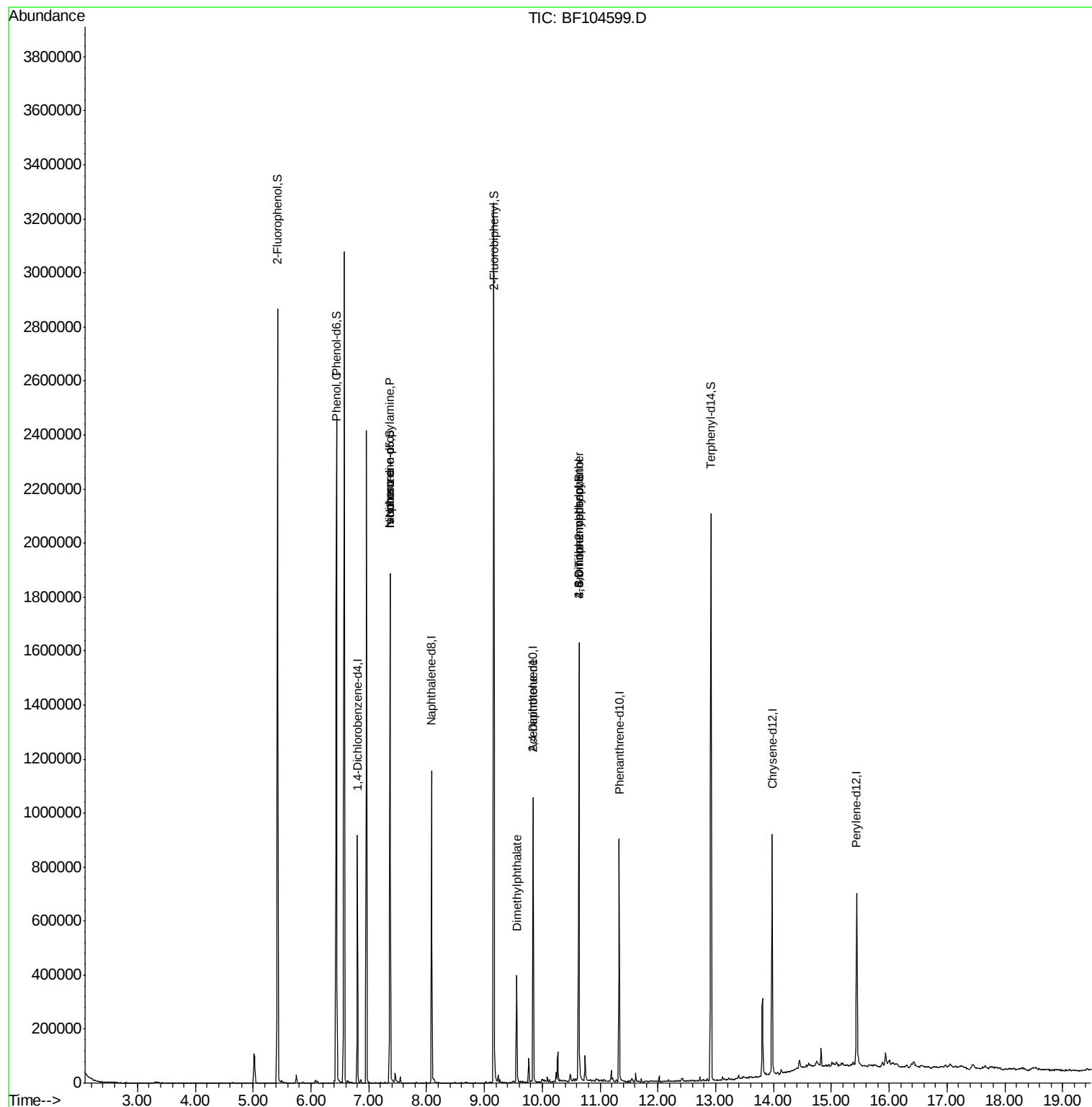
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129367	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	504288	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	203604	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	309806	20.00	ng	0.00
75) Chrysene-d12	13.97	240	277870	20.00	ng	0.00
86) Perylene-d12	15.44	264	302908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	854532	101.00	ng	0.00
7) Phenol-d6	6.44	99	1041651	100.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	640414	82.92	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	203350	96.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	970769	75.32	ng	0.00
78) Terphenyl-d14	12.92	244	720873	59.15	ng	0.00
Target Compounds						
10) Phenol	6.45	94	39448	3.576	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	81045	11.931	ng	# 73
25) Isophorone	7.37	82	640410	39.214	ng	# 64
49) Dimethylphthalate	9.56	163	161184	10.039	ng	99
56) 2,4-Dinitrotoluene	9.84	165	25478	6.538	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	355	7.546	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11749	3.565	ng	# 1
76) Benzidine	12.92	184	9502	Below Cal		# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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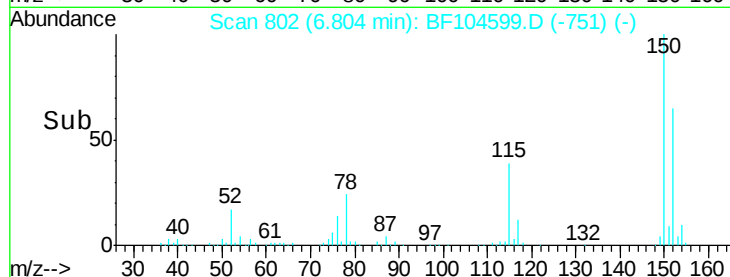
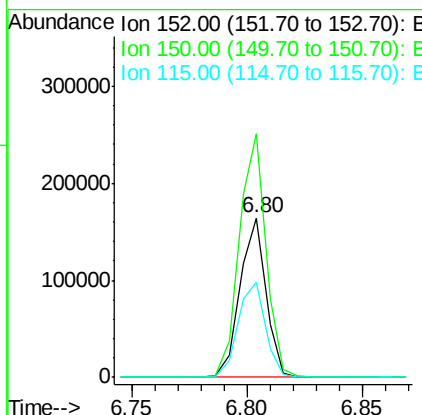
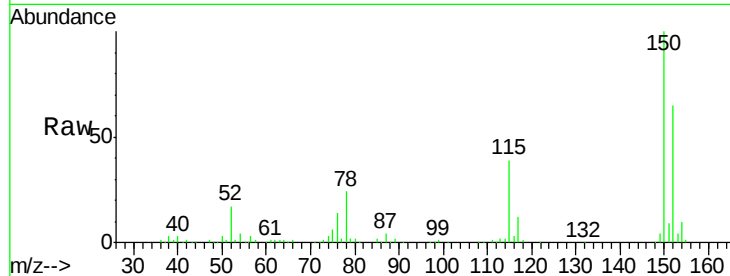


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Instrument :
BNA_F
ClientSampleId :

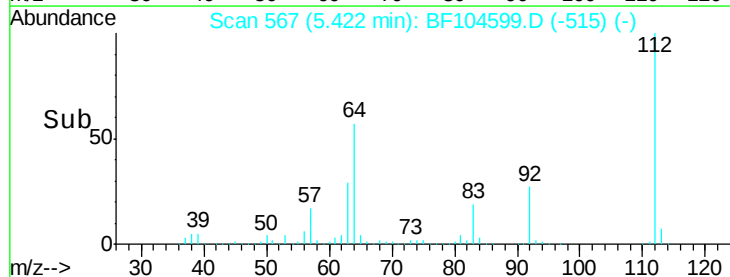
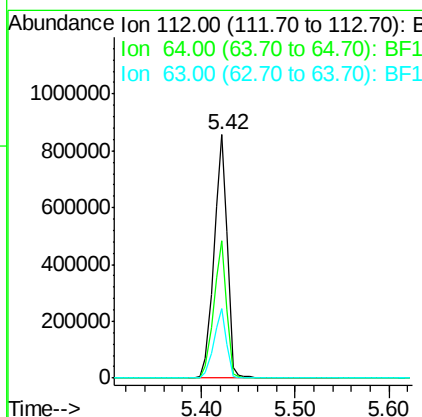
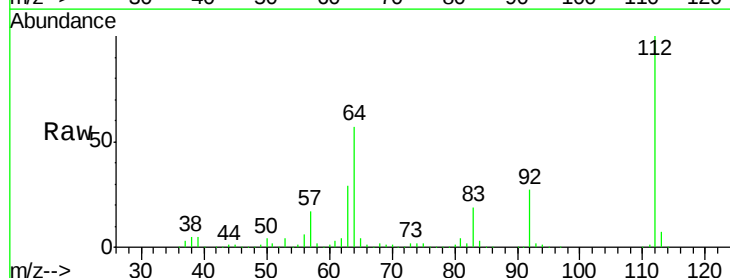
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	59.6	50.1	75.1



#5

2-Fluorophenol
Concen: 101.002 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 100.204 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104599.D

Acq: 18 Apr 2018 14:11

Instrument :

BNA_F

ClientSampleId :

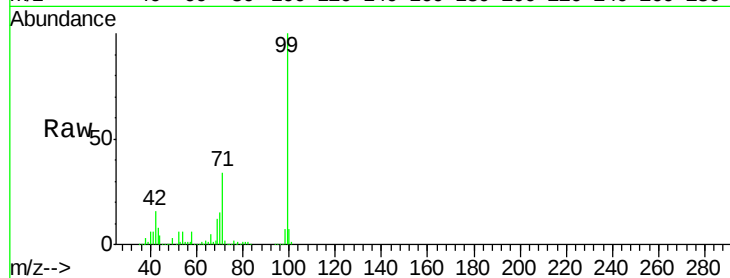
Tot Ion: 99 Resp: 1041651

Ion Ratio Lower Upper

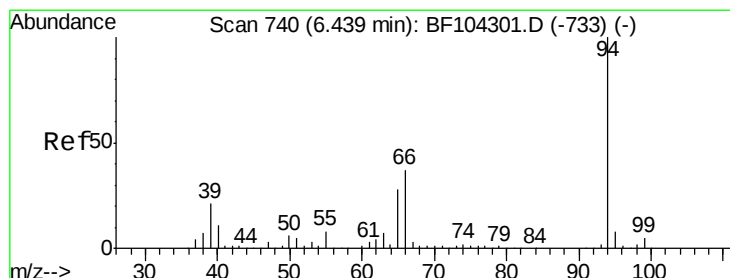
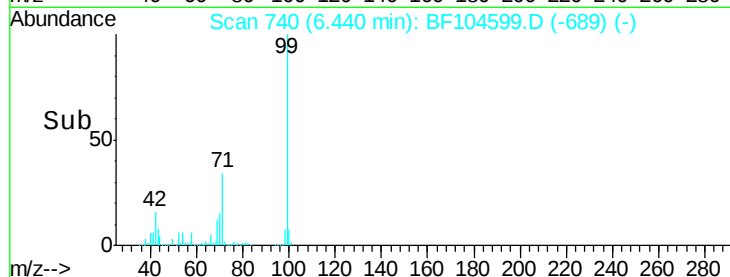
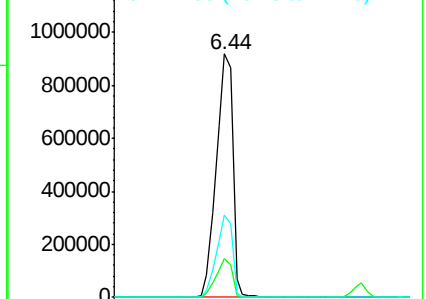
99 100

42 16.2 14.5 21.7

71 33.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.576 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104599.D

Acq: 18 Apr 2018 14:11

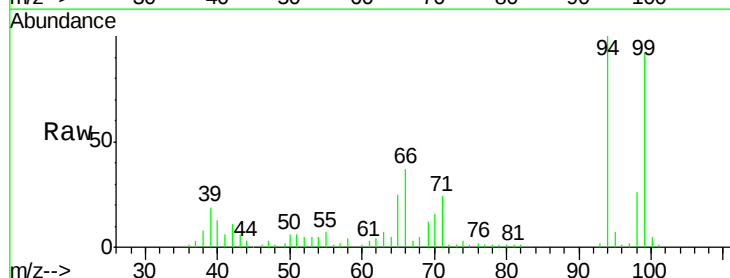
Tgt Ion: 94 Resp: 39448

Ion Ratio Lower Upper

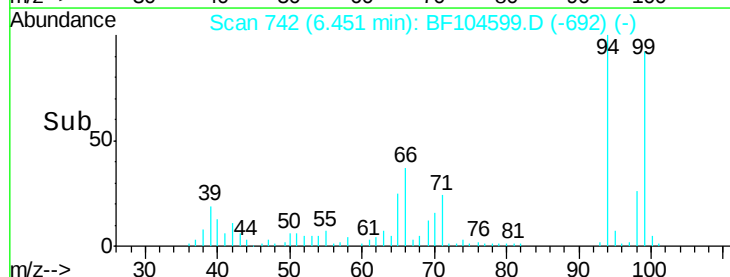
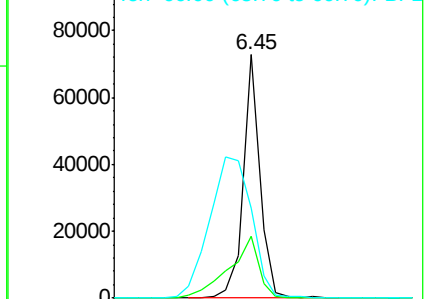
94 100

65 25.4 7.9 47.9

66 36.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

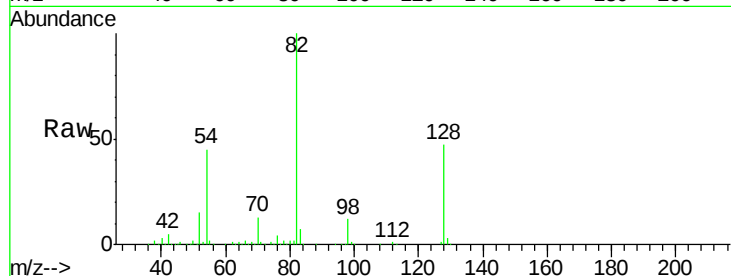




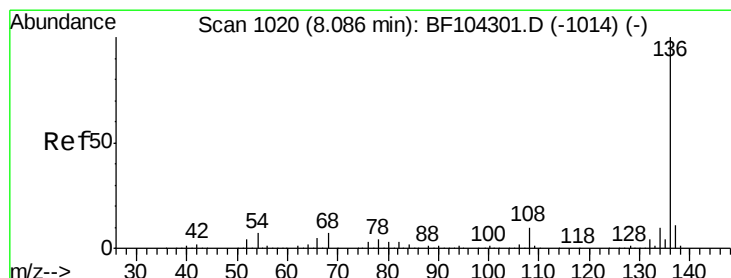
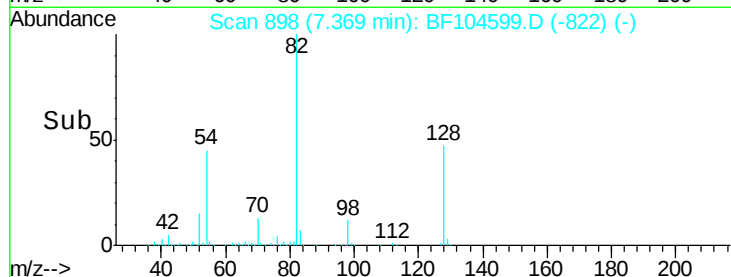
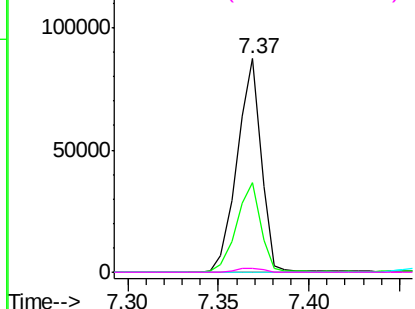
#19
n-Nitroso-di-n-propylamine
Concen: 11.931 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 81045
Ion Ratio Lower Upper
70 100
42 42.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

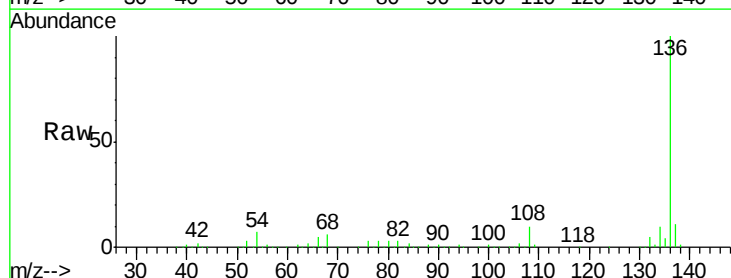


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

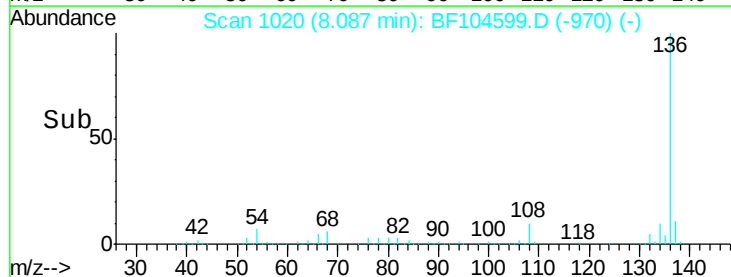
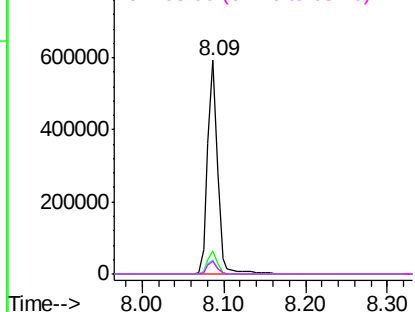


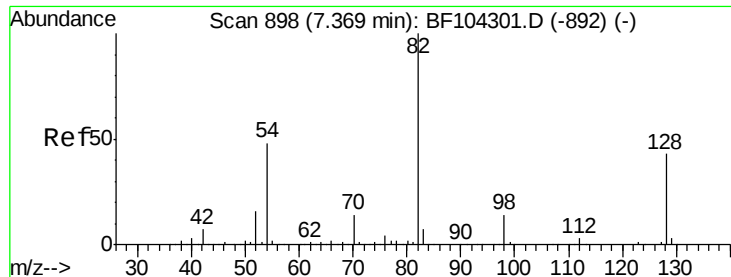
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Tgt Ion:136 Resp: 504288
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.7 6.6 9.8
68 6.1 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

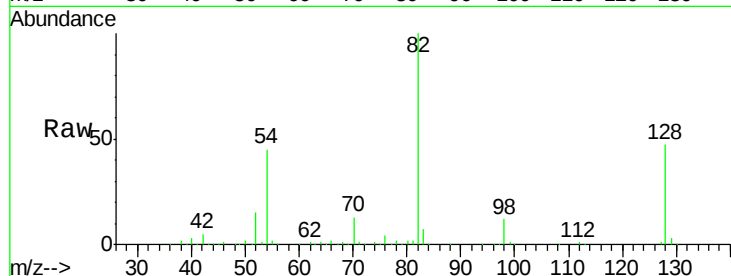




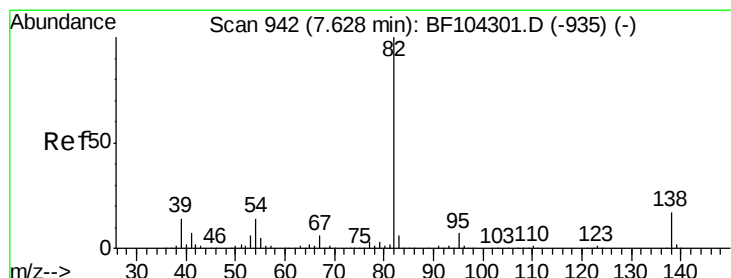
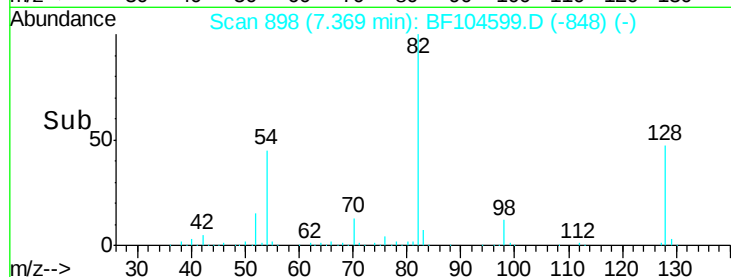
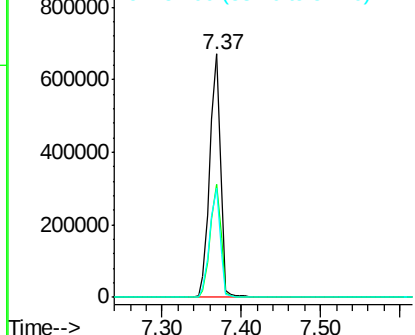
#23
Nitrobenzene-d5
Concen: 82.924 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 640414
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 44.7 41.4 62.2

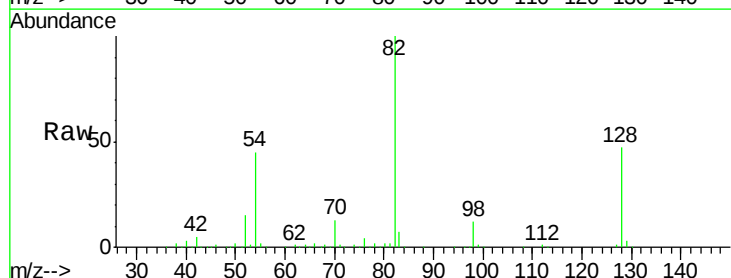


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

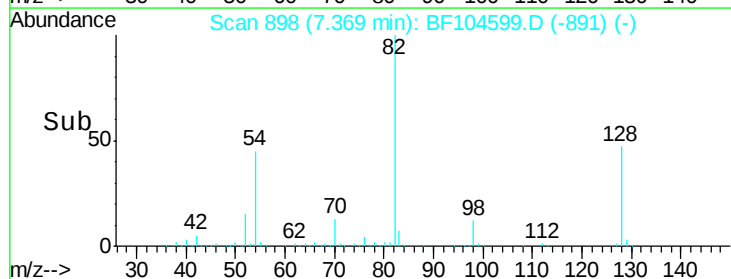
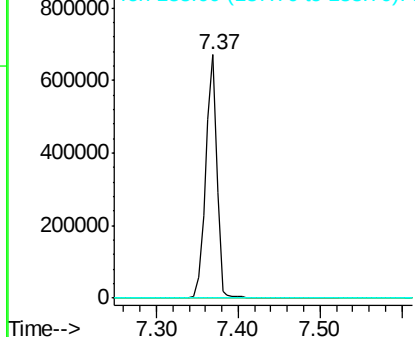


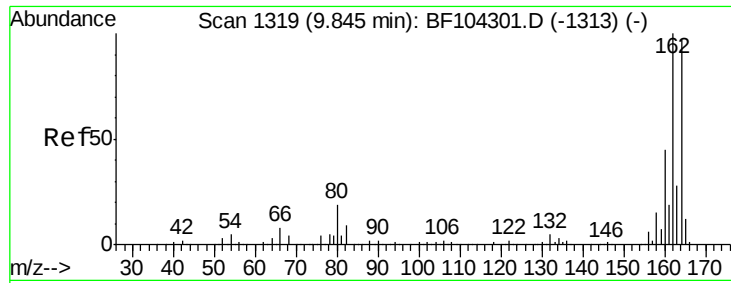
#25
Isophorone
Concen: 39.214 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Tgt Ion: 82 Resp: 640410
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

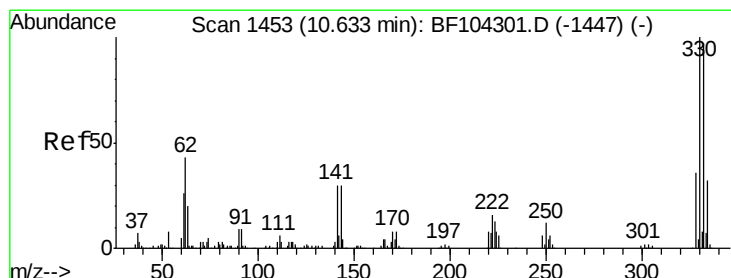
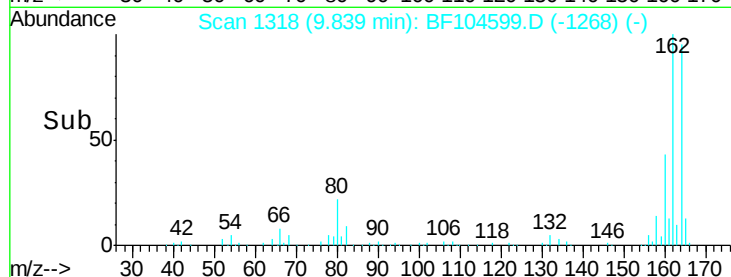
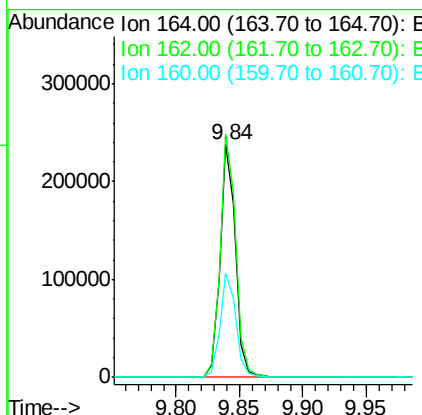
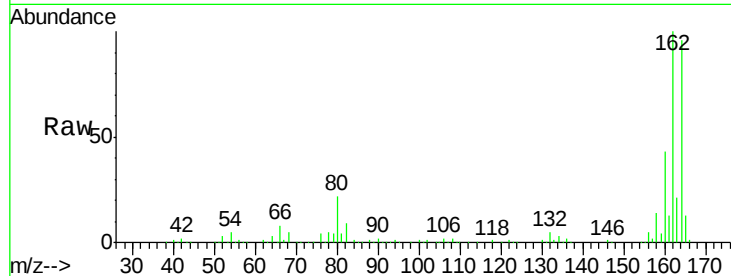




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104599.D
 Acq: 18 Apr 2018 14:11

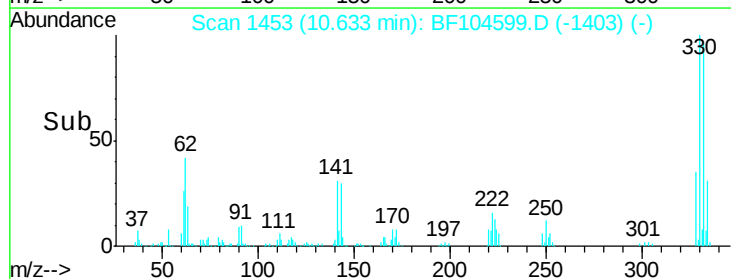
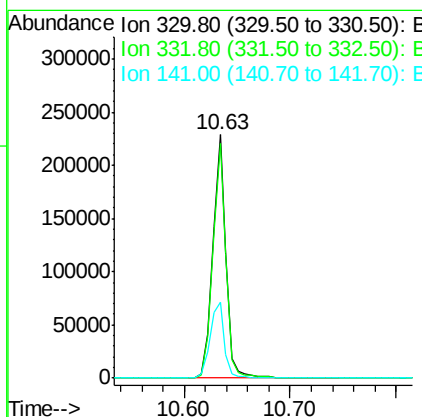
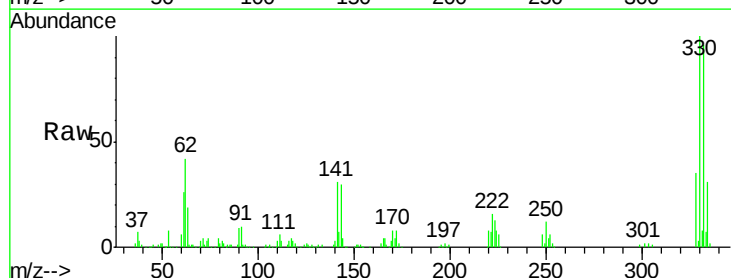
Instrument :
 BNA_F
 ClientSampleId :

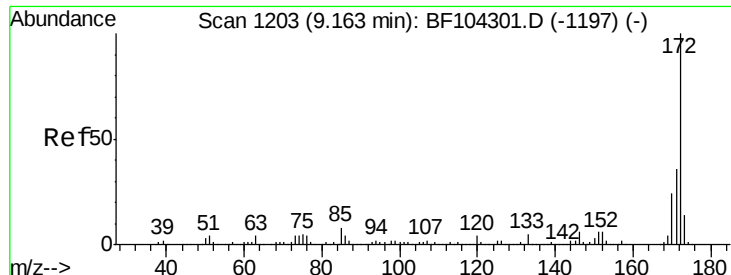
Tot Ion:164 Resp: 203604
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 44.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 96.281 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104599.D
 Acq: 18 Apr 2018 14:11

Tgt Ion:330 Resp: 203350
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.5 29.9 44.9

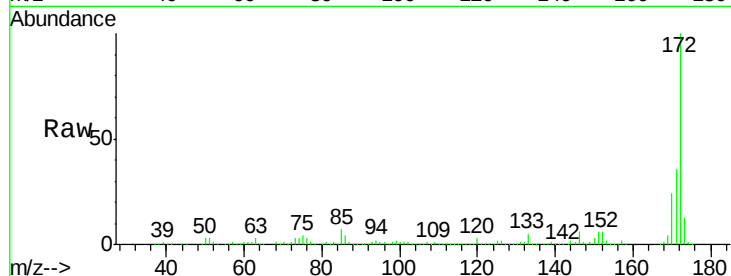




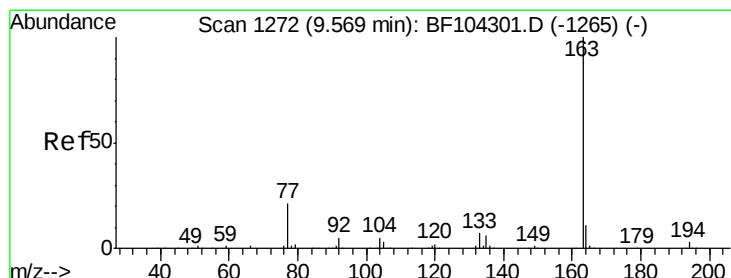
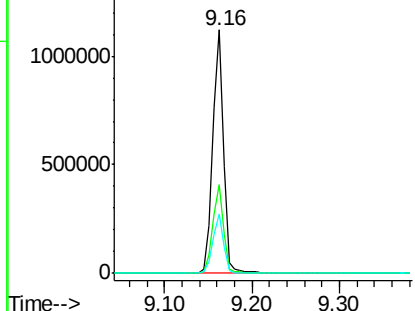
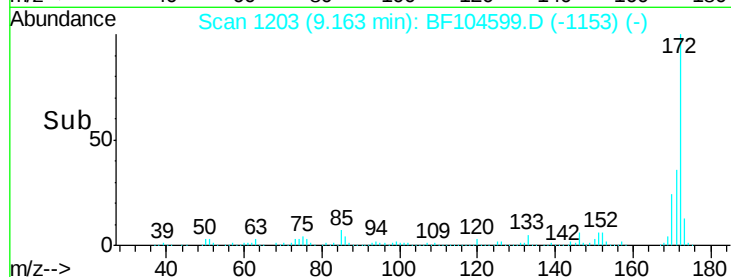
#44
2-Fluorobiphenyl
Concen: 75.321 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 970769
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.1 19.6 29.4

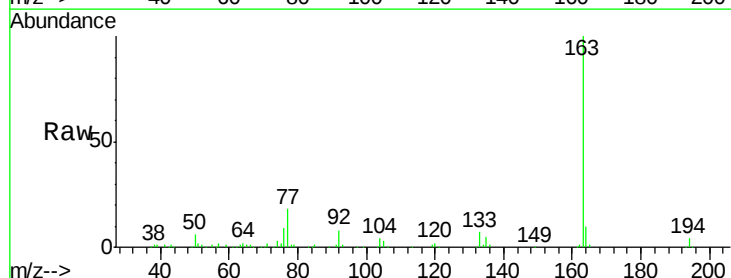


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

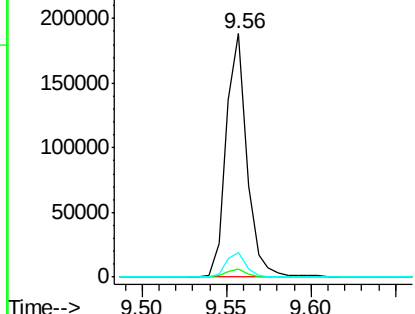
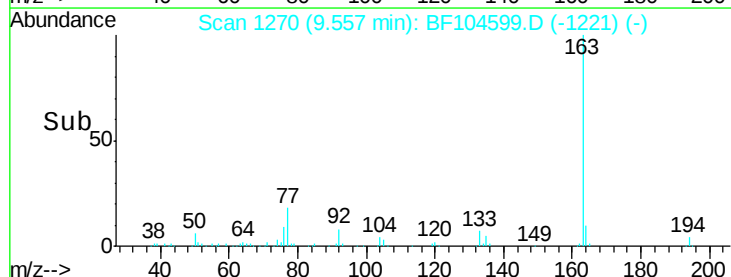


#49
Dimethylphthalate
Concen: 10.039 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Tgt Ion:163 Resp: 161184
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

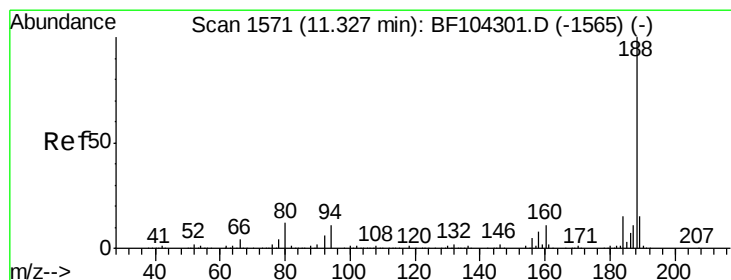
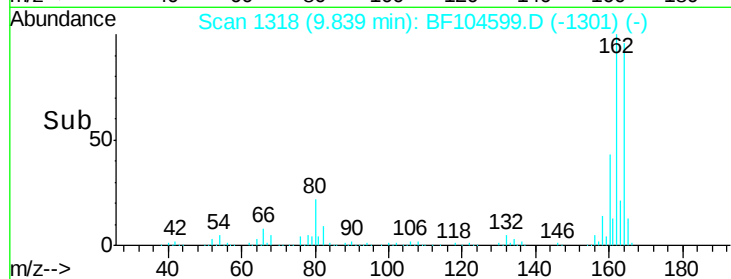
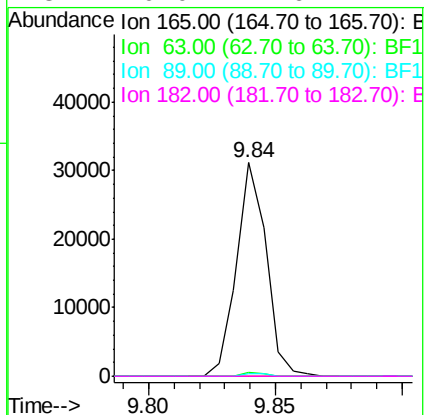
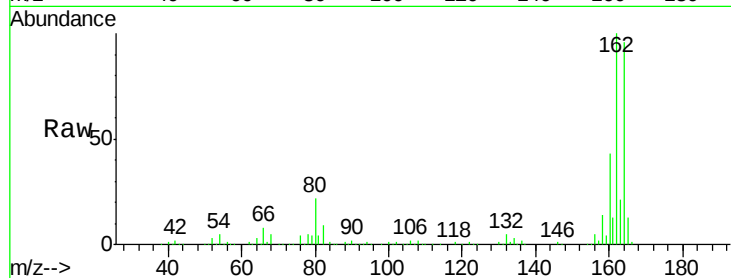




#56
2,4-Dinitrotoluene
Concen: 6.538 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

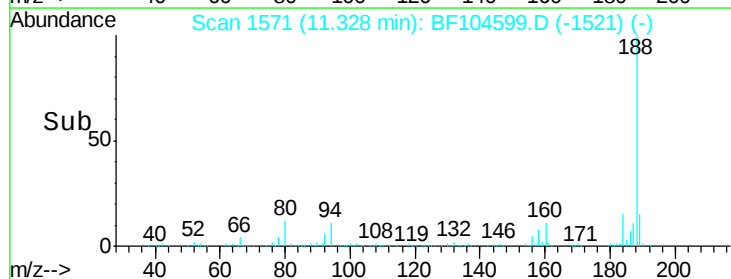
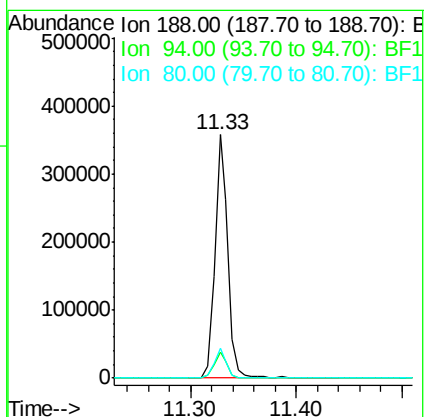
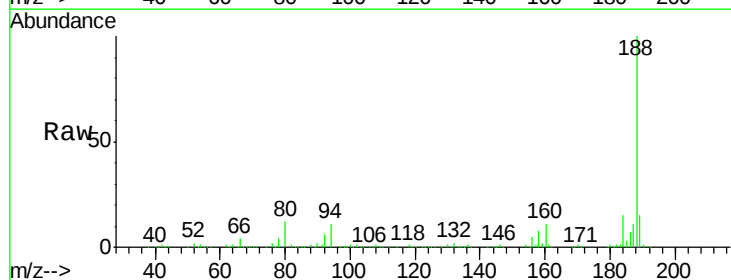
Instrument :
BNA_F
ClientSampled :

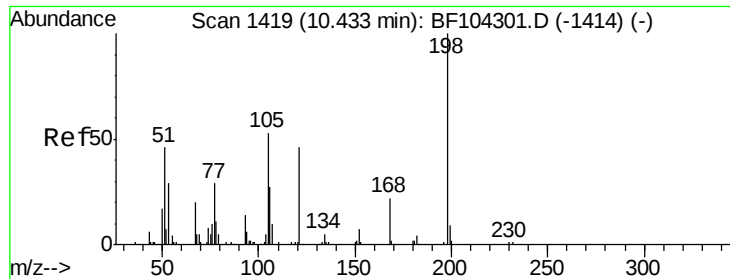
Tot Ion:	165	Resp:	25478
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104599.D
Acq: 18 Apr 2018 14:11

Tgt Ion:	188	Resp:	309806
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	12.0	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.546 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.18 min

Lab File: BF104599.D

Acq: 18 Apr 2018 14:11

Instrument :

BNA_F

ClientSampled :

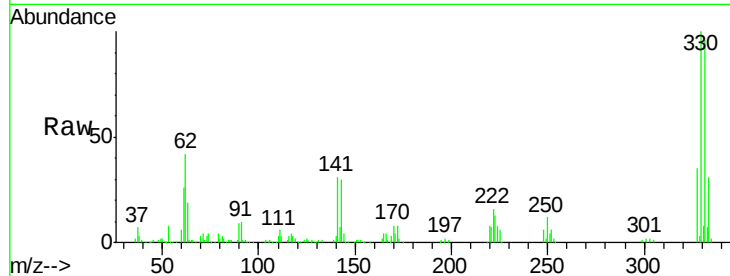
Tot Ion:198 Resp: 355

Ion Ratio Lower Upper

198 100

51 160.2 37.7 77.7#

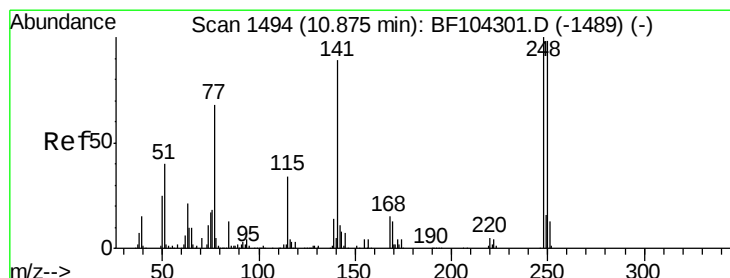
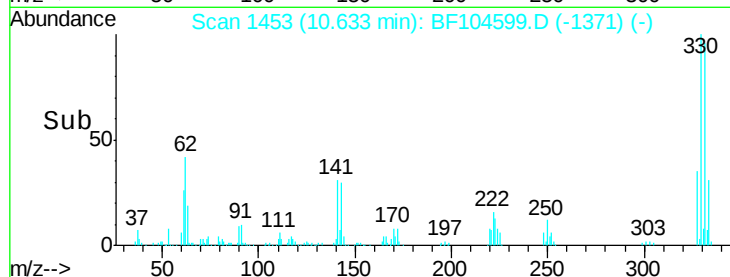
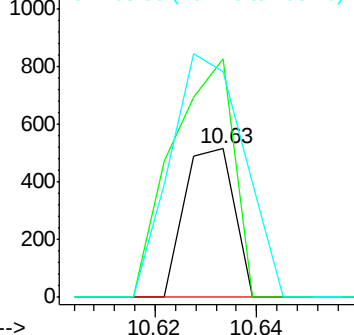
105 151.5 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.565 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF104599.D

Acq: 18 Apr 2018 14:11

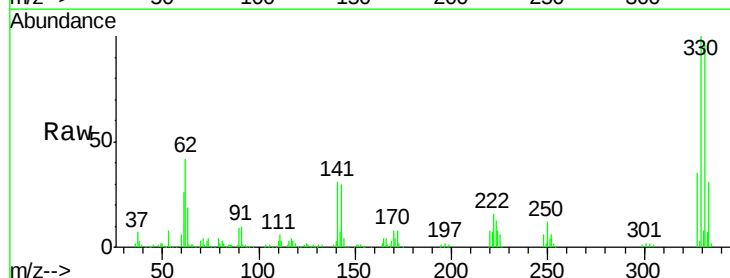
Tgt Ion:248 Resp: 11749

Ion Ratio Lower Upper

248 100

250 197.1 76.9 115.3#

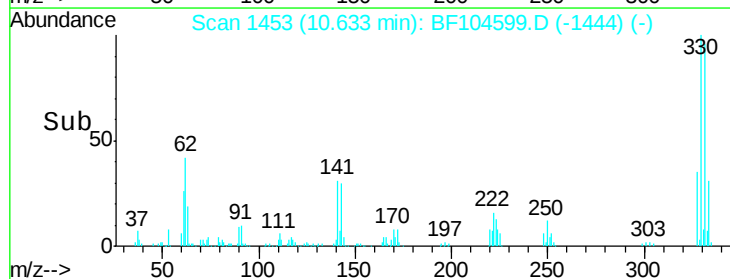
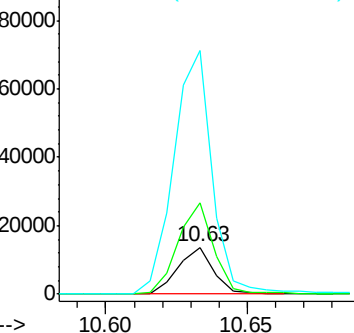
141 523.0 74.4 111.6#

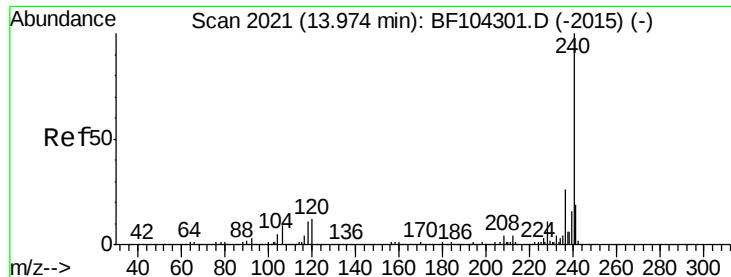


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104599.D

Acq: 18 Apr 2018 14:11

Instrument :

BNA_F

ClientSampleId :

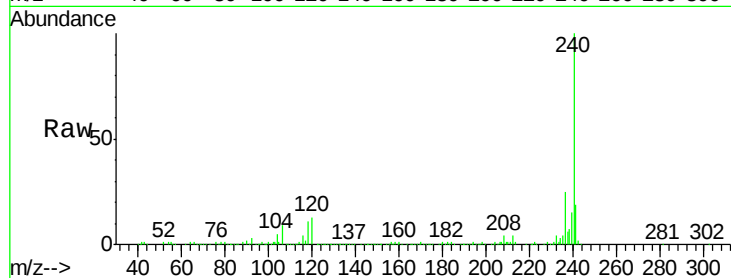
Tot Ion:240 Resp: 277870

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

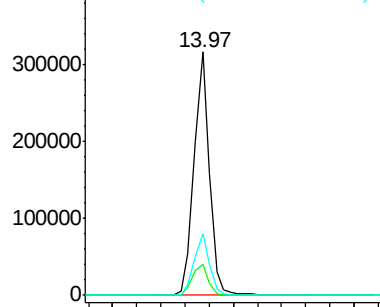
236 25.4 20.7 31.1



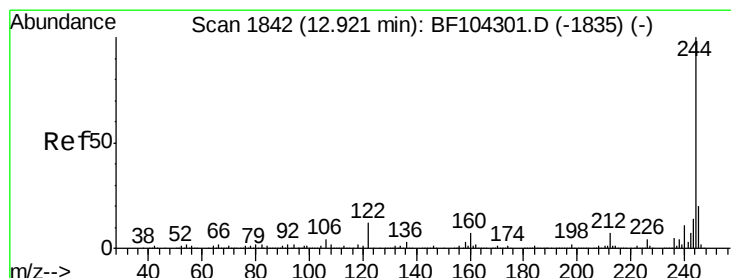
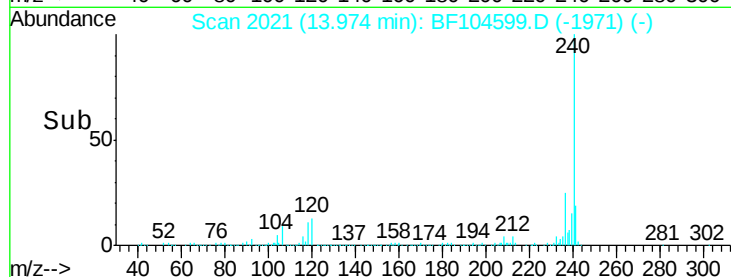
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 59.145 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104599.D

Acq: 18 Apr 2018 14:11

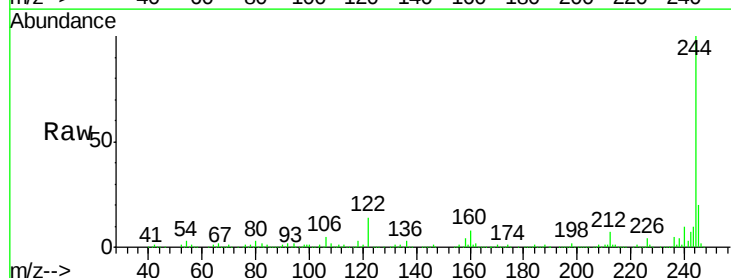
Tgt Ion:244 Resp: 720873

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

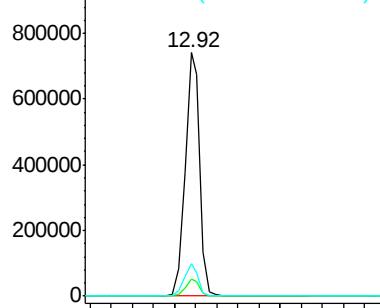
122 13.6 11.0 16.4



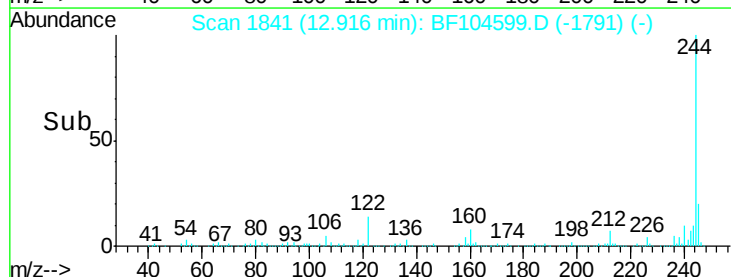
Abundance Ion 244.00 (243.70 to 244.70): E

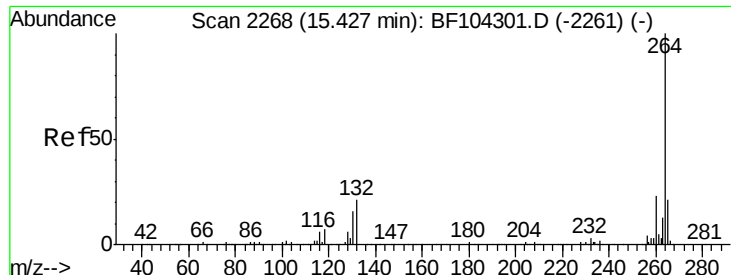
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

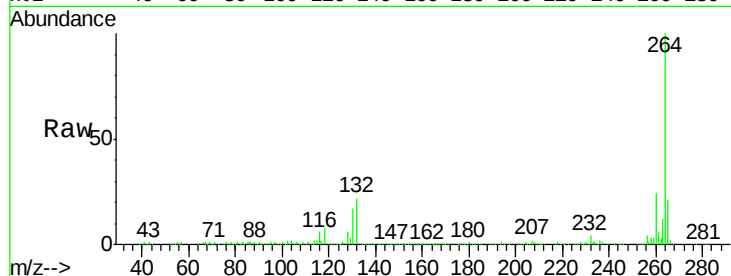




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104599.D
 Acq: 18 Apr 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

